

**To:** Salera, Jerry@DOC[Jerry.Salera@conservation.ca.gov]; Penderel, Bill@DOC[Bill.Penderel@conservation.ca.gov]  
**Cc:** Albright, David[Albright.David@epa.gov]; R9-Deep[R9Deep@epa.gov]; Robin, George[Robin.George@epa.gov]  
**From:** Dermer, Michele  
**Sent:** Tue 6/10/2014 6:08:06 PM  
**Subject:** RE: Alon Refinery question

Thank you very much Jerry and Bill,

I did have a follow up question for you about this information provided below (From Bill). I was able to look at your website and find the records for the two Class II WD injection wells: 029008379 and 02908330. According to the records on the website the wells are injecting into the Etchegoin formation. Both are in Section 23 and the first one is idle and the second one is active. My question is two fold: 1) your email indicated that these wells are injecting into the Chanac and Etchegoin formations, but the well records only say Etchegoin; so where do you have information that the Chanac is also being used? ; and 2) looking at the information in Volume 1B on the Fruitvale Field, it looks to me like the Etchegoin is not hydrocarbon (HC) producing because it is not shaded, and therefore it would not be an exempt formation. The Fairhaven member is HC producing, but I do not see information indicating these wells are injecting into the Fairhaven member? Do you have information you can share indicating that the Etchegoin is HC producing at these locations in Section 23 in the Fruitvale Field?

Thanks!

Michele

Michele Dermer

EPA Region 9, WTR-9

75 Hawthorne Street

San Francisco, CA 94105

(415) 972-3417

**From Bill**

Michele:

Alon Bakersfield Property, Inc., has one active Class II WD injection project in the Fruitvale field. The project number is 25609015. There are two water disposal wells in the project in the Etchegoin and Chanac formations. The injection project is supported by six producing wells. The API numbers for the injection wells are 02908379 and 02908380.

I can't tell if the wells are on the refinery property or not. These wells and their locations may be viewed at our DOGGR web site using the DOMS mapping system and aerial photo imagery. Use the API numbers to locate each well.

Monthly injection volumes for each well may also be viewed at our web site.

Hope this helps,

W. F. (Bill) Penderel

Associate Oil & Gas Engineer

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(661) 334-3659

**From:** Robin, George

**Sent:** Thursday, June 05, 2014 1:38 PM

**To:** Salera, Jerry@DOC; Dermer, Michele  
**Cc:** Albright, David; Penderel, Bill@DOC; Robin, George; R9-Deep  
**Subject:** RE: Alon Refinery question

Thanks Jerry, and please follow through when possible.

I am positive that the refinery has no Class II wells injecting refinery (Class 1) waste. They are situated within the Fruitvale Oil Field with many wells surrounding, however the wells the refinery operates for their waste fluids are only the ones permitted by the Reg. Bd. (25 years ago) and soon to be permitted as Class 1 NH wells by EPA Region 9.

The DOGGR categorically does not permit Class II wells injecting refinery waste, and further, they explicitly do not want refinery waste to migrate to any Production wells. Hence, because of this very situation in Bakersfield (approx. 20 years ago), EPA Region 9 and the DOGGR agreed to jointly ensure (for future permits) that nowhere within the state will such comingling migration be allowed to exist.

George

**From:** Salera, Jerry@DOC [<mailto:Jerry.Salera@conservation.ca.gov>]  
**Sent:** Thursday, June 05, 2014 1:15 PM  
**To:** Dermer, Michele  
**Cc:** Robin, George; Albright, David; Penderel, Bill@DOC  
**Subject:** Re: Alon Refinery question

Hi Michele,

I've been out sick since yesterday but checking emails from time to time. I'll pas this on to our colleagues in D4 and we'll get info back your end as soon as possible.

Bill: can you please get the needed info - thanks.

Jerry

Sent from my iPhone

On Jun 5, 2014, at 10:54 AM, "Dermer, Michele" <[Dermer.Michele@epa.gov](mailto:Dermer.Michele@epa.gov)> wrote:

Hello Jerry,

Would you please let me know if Alon Refinery located in Bakersfield CA has any DOGGR permitted Class II disposal wells at their facility? I am not able to verify one way or another from the information I have here. And if so, where are those wells located.? Thanks!

Sincerely,

Michele